AMENDMENTS

IN THE CLAIMS

Please enter the below claim amendments.

1.   (currently amended) An apparatus, comprising:

a first matching section, connected to an input signal, and having a first output and a second output;

a termination section connected to the first output; and

a pie-shaped type impedance matching section connected to the second output and having a plurality of pie-shaped impedance matching section outputs, said pie-shaped impedance matching section outputs having substantially equal phase when connected to a predetermined load impedance.

2.   (currently amended)   The apparatus of claim 1, wherein said pie-shaped impedance matching section outputs have substantially equal magnitude.

3.   (currently amended)   The apparatus of claim 1, wherein the pie-shaped type impedance matching section has a body section having a wedge-shaped geometry.

4.   (currently amended)   The apparatus of claim 1, wherein at least one of said plurality of pie-shaped impedance matching section outputs of the pie-shaped type impedance matching section has a substantially rectangular geometry.

5.   (original) The apparatus of claim 1, wherein the termination section comprises:

a resistor; and

a capacitor connected to the resistor.

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6.   (original) The apparatus of claim 1, wherein the termination section comprises the series combination of a resistor and a capacitor, wherein one terminal of the series combination is connected to circuit ground.

7.   (currently amended) The apparatus of claim 1, further comprising:

a plurality of load elements, wherein each load element is connected to one of said plurality of pie-shaped impedance matching section outputs.

8.   (currently amended) The apparatus of claim 1, further comprising:

a plurality of op-amps, wherein each op-amp is connected to one of said plurality of pie-shaped impedance matching section outputs.

9.   (currently amended) The apparatus of claim 1, further comprising:
a plurality of load elements; and

a plurality of transmission lines, wherein each of said transmission lines connect a corresponding one of said load elements to a corresponding one of said pie-shaped impedance matching section outputs of said pie-shaped type impedance matching section.

10.   (currently amended) The apparatus of claim 1, further comprising:
a plurality of load elements; and

a plurality of transmission lines, wherein each of said transmission lines connect a corresponding one of said load elements to a corresponding one of said pie-shaped impedance matching section outputs of said pie-shaped type-impedance matching section;

wherein each of said plurality of transmission lines is impedance matched to its corresponding load element.

11.   (original) The apparatus of claim 1, further comprising a signal generating device in communication with the first matching section.

12.   (currently amended) The apparatus of claim 1, wherein the pie-shaped type impedance matching section comprises a conductive material.

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13.   (original) The apparatus of claim 1, wherein the conductive material is copper.

14.   (currently amended) A system, comprising:

a first matching section connected to an input signal having a first output and a second output;

a termination section connected to the first output;

a pie-<u>shaped</u> type-impedance matching section connected to the second output and having a plurality of outputs, said outputs of said pie-<u>shaped</u> type-impedance matching section having substantially equal phase when connected to a predetermined load impedance; and

a signal generating device in communication with the first matching section.

15.   (currently amended)   The system of claim 14, wherein the pie-<u>shaped type</u> impedance matching section has a body section having a wedge-shaped geometry.

16.   (currently amended) The system of claim 14, wherein at least one of said outputs of the pie-<u>shaped</u> type-impedance matching section has a substantially rectangular geometry.

17.   (original) The system of claim 14, wherein the termination section comprises:

a resistor; and a capacitor connected to the resistor.

18.   (original) The system of claim 17, wherein the termination section comprises the series combination of a resistor and a capacitor, wherein one terminal of the series combination is connected to circuit ground.

19.   (currently amended) The system of claim 14, further comprising:

a plurality of load elements, wherein each load element is connected to one of said plurality of outputs of said pie-<u>shaped</u> type-impedance matching section.

20.   (currently amended) The system of claim 14, further comprising:

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a plurality of load elements, wherein each load element is connected to one of said plurality of outputs of said pie-shaped type-impedance matching section; and

wherein one or more of said load elements is an op-amp.

21.   (currently amended) The system of claim 14, further comprising:

a plurality of load elements; and

a plurality of transmission lines, wherein each of said transmission lines connect a corresponding one of said load elements to a corresponding one of said outputs of said pie-shaped type-impedance matching section.

22   (currently amended) The system of claim 21, further comprising:

a plurality of load elements; and

a plurality of transmission lines, wherein each of said transmission lines connect a corresponding one of said load elements to a corresponding one of said outputs of said pie-shaped type-impedance matching section;

wherein each of said plurality of transmission lines is impedance matched to its corresponding load element.

23.   (currently amended) A method, comprising:

providing a plurality of pie-shaped type-impedance matching section outputs using a pie-shaped type-impedance matching section, said outputs having substantially equal phase and magnitude when connected to a predetermined load impedance;

impedance matching an input signal having a first output and a second output to the pie-shaped type-impedance section; and

providing a termination section connected to the first output.

24.   (currently amended) The method of claim 23, wherein the step of outputting a plurality of outputs using a pie-shaped type-impedance matching section utilizes a pie-shaped type-impedance matching section having a wedge-shaped geometry.

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25.   (original) The method of claim 23, further comprising loading each of said plurality of outputs with a load element.

26.   (currently amended) The method of claim 25, further comprising:

impedance matching a plurality of transmission lines connecting each of said load elements to each of said pie-shaped type-impedance matching section outputs.

27.   (currently amended) The method of claim 23, further comprising loading each of said plurality of pie-shaped type-impedance matching section outputs with an op-amp.

28.   (currently amended) The method of claim 23, further comprising:

generating an input signal and providing the generated input signal to the pie-shaped type impedance section.

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